AF/21P/



REPLY UNDER 37 C.F.R. § 1.116 EXPEDITED PROCEDURE EXAMINING GROUP 2181

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Application No.:

Filed: April 9, 2004

Inventor(s):

Cypher, et al.

Title: Branch Prediction Scheme

Utilizing Multiple Branch Predictors and Multiple Index Hashing Mechanisms for Determining a Final

10/821,431

Prediction Based on

Intermediaries

Examiner:

Vincent Lai

Group/Art Unit: 2181

Atty. Dkt. No: 5181-

5181-96100

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Stephen J. Curran

/ Printed Name

Date

RESPONSE TO FINAL OFFICE ACTION OF November 9, 2006

MAIL STOP AF

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This paper is submitted in response to the Office Action of November 9, 2006, to further highlight why the application is in condition for allowance.